Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

09/660,005

SAULPAUGH ET AL.

Examiner

Art Unit

Greg Bengzon

2144

| <b>√</b> | Rejected | - | (Through numeral)<br>Cancelled | N | Non-Elected  | ] | A | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|---|----------|
| =        | Allowed  | ÷ | Restricted                     | ı | Interference |   | 0 | Objected |

| Claim    |            | L        | Date            |              |                     |                         |   |   | ∐ં           | Cl         | Claim    |  | Date   |  |                    |              | CI            | aim        |  | Date  |   |          |          |  |   |          |
|----------|------------|----------|-----------------|--------------|---------------------|-------------------------|---|---|--------------|------------|----------|--|--|--|--------------------|--------------|---------------|------------|--|---|---|----------|----------|--|---|----------|
| Final    | Original   | 1/9/07   |                 |              |                     |                         |   |   |              | Final      | Original |  |  |  |                    |              | Final         | Original   |  |   |   |          |          |  |   |          |
|          | 1          | 1        | $\vdash \vdash$ | +            | $\vdash$            | H                       | Н   | -                                       | -            | }—         |          | -  -  -  | $\vdash$   | <del>  </del>                                    | 4                  |              |               |            |  | Щ   | _   | _        | $\perp$  | _  | 4   | 4        |
|          | 2          | ∀        | $\vdash$        | ╁            | +                   | Н                       | $\dashv$  |   | -            | $\vdash$   | 51<br>52 |  |  | ++-  | +                  |              |               | 101        | -  |   | -   | 4        | -        | 4  | +   | 4        |
| $\vdash$ | 3          | V        | $\vdash$        | +            | Н                   | Н                       | $\vdash$  |   | ┨∷           | <b>-</b>   | 53       | $\dashv$   | -  | <del>                                     </del> |                    |              |               | 102<br>103 |  | +   | _   | _        |          | -  | +   | 4        |
|          | 4          | V        | $\vdash$        | +-           | Н                   | Н                       |   |   | 1            | <b>-</b>   | 54       | -  |  | ╀┼   | +                  |              |               | 103        |  | $\vdash$  | $\dashv$  | +        | -+       | $\dashv$   | +   | -        |
|          | 5          | V        | $\top$          |              | T                   |                         |   | $\neg$                                  |              |            | 55       |  | -1-  | <del>                                     </del> | +                  |              |               | 105        | +  | ╁┼┤   | +   | $\dashv$ | -+       | +  | +   |          |
|          | 6          | 1        |                 | $\top$       | 1                   |                         |   | $\top$                                  | 18           |            | 56       |  | <del></del>  | ╂╌╂╌╂╸   | +                  |              |               | 106        | +  | H   | -+  | -+       | $\dashv$ | +  |   | -        |
|          | 7          | 1        |                 | 十            | $\Box$              |                         |   |   |              |            | 57       | <del>-   -   -  </del>                             |  | <del>                                     </del> | +                  |              |               | 107        | +  | +   | +   | -+       | $\dashv$ | +  | +   | -        |
|          | 8          | 1        |                 |              |                     |                         |   |   |              |            | 58       |  | +  |  | $\dashv$           |              |               | 108        |  | ╁┤  | 十   | +        | +        | +  | +   | $\dashv$ |
|          | 9          | 1        | $\Box$          | $\top$       | П                   |                         |   |   | 1::          |            | 59       | $\neg \vdash$                                      |  | $\vdash$   | +-                 |              |               | 109        | _  | $\vdash$  | $\dashv$  | ╅        | $\dashv$ | $\dashv$   | +   | $\dashv$ |
|          | 10         | 1        |                 |              |                     |                         | $\neg$  |   | 1:::         |            | 60       |  |  |  | $\top$             |              |               | 110        | _  | $\vdash$  | $\dashv$  | ┪        | +        | +  | -   | ┨        |
|          | 11         | 1        |                 |              |                     |                         |   |   | 1:::         |            | 61       |  |  |  | $\top$             |              |               | 111        | <del> </del>   | $\vdash$  | $\dashv$  | $\dashv$ | $\dashv$ | +  | +   | $\dashv$ |
|          | 12         | 1        |                 | $oxed{\Box}$ |                     |                         |   |   | ]:::         |            | 62       |  | $\top$   |  | $\top$             | ी            |               | 112        | $\top$   | Н   | +   | +        | $\dashv$ | 十  | 十   | $\dashv$ |
|          | 13         | <b>✓</b> |                 |              | $\Box$              |                         | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   | ]            |            | 63       |  |  |  | $\sqcap$           | ्रो          |               | 113        | $\top$   | $\Box$  | 十   | $\top$   | $\dashv$ | +  | +   | $\dashv$ |
|          | 14         | 1        |                 |              | $\sqcup$            |                         | $\Box$  |   | 1:::         |            | 64       |  |  |  |                    |              |               | 114        |  | П   | $\dashv$  | 十        | $\top$   | 十  | 十   | ┨        |
|          | 15         | 1        | $\perp$         |              | $\sqcup$            | $\Box$                  | $\bot$  |   | 1            |            | 65       |  |  |  |                    |              |               | 115        | $\top$   | П   | +   | †        | $\dashv$ | 十  | $\top$  | ┪        |
| <u> </u> | 16         | <b>√</b> |                 | $\bot$       | Ш                   |                         | $\perp$   |   |              |            | 66       |  |  |  |                    |              |               | 116        |  |   | $\exists$   | +        | $\neg$   | $\top$   | 十   | 7        |
| <u> </u> | 17         | 1        | $\perp$         |              | Ш                   | _                       | _   |   |              |            | 67       |  |  |  |                    | ::[          |               | 117        |  | П   |   |          | $\top$   | $\top$   | $\top$  | ٦        |
| ļ        | 18         | ٧        | $\dashv$        | _            | $\sqcup$            | _                       | _   | $\bot$                                  |              |            | 68       |  | $\bot$   |  | Ш                  |              |               | 118        |  |   |   | T        |          | 丁  | $\top$  | 7        |
|          | 19         | 1        |                 | ┺            | ⊢                   | _                       | _   |   |              |            | 69       | $\rightarrow$                                      | $\bot$   |  |                    | [            |               | 119        |  |   |   |          | T        | T  | $\top$  | ٦.       |
|          | 20         | 7        | -               | ╂            | $\sqcup$            | -                       | -   |   |              |            | 70       | +++  | _ _  | $\perp$  | 44                 |              |               | 120        |  |   | $\Box$  |          | $\Box$   | $\perp$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | ]        |
|          | 21         | 77       | -               | ┰            | ╁╌╏                 | -                       |   | +                                       |              | $\square$  | 71       |  |  |  | ш                  |              |               | 121        |  |   |   |          | $\perp$  | $oldsymbol{\perp}$   | $\perp$   | ]        |
| <u> </u> | 22<br>23   | 7        |                 | ╁            | $\vdash$            | -+                      | $\dashv$  | <del> </del>                            |              | -          | 72       | $\rightarrow + \downarrow \downarrow$              |  | -  | $\perp$            |              | $\rightarrow$ | 122        |  | $\sqcup$  |   |          | _        | $\perp$  |   | ╛        |
| _        | 24         | 7        | $\dashv$        |              | ╁                   | -                       | -   |   |              |            | 73       | +  | _ _  | + $+$  | 4-4                |              |               | 123        |  | $\sqcup$  | $\perp$   | _        | 4        | 4  | 丄   | ╛        |
| <u> </u> | 25         | 7        | +               | ╫            | ╂┈╂                 | $\dashv$                | -   | +                                       | []           |            | 74<br>75 |  | +  |  | +                  |              | $-\!\!\!\!+$  | 124        |  | $\sqcup$  | _ _   | 4        | 4        | _  | 丄   | 4        |
|          | 26         | 1        |                 | +            | $\vdash$            | +                       | $\dashv$  | ╌                                       |              |            | 76       | +++  | -H   |  | +                  | <b>ା</b> -   | -             | 125        |  | $\vdash \vdash$   | $\perp$   | 4        | 4        | 4  | - -   | 4        |
|          | 27         | V        | 十               | +-           | ┨                   | -                       | +   | +-                                      |              |            | 77       |  | $\dashv$   |  | +-1                | -  -         |               | 126        | _  | $\vdash$  | -   | 4        | 4        | 4  |   | ╛        |
|          | 28         | į        | $\top$          | +            | 1                   | ┪                       | -   | +                                       |              |            | 78       | +++  |  | ++   | +                  | -  -         |               | 127        | +  |   |   | +        | +        | 4  | +   | 4        |
|          | 29         | Ť        | $\neg \vdash$   | +            |                     | $\dashv$                | 十   | +                                       |              |            | 79       | +++  | +  | -  | +                  | :: -         |               | 128<br>129 |  | $\vdash$  | +   | +        | +        | 4  | ┿   | 4        |
|          | 30         |          | $\neg$          | 1            | H                   | 寸                       | $\dashv$  |   |              |            | 80       | <del>- - - </del>                                  | +  |  | +                  | -            |               | 130        |  | -   | ╫   |          | ╬        | +  | +   | 4        |
|          | 31         | $\Box$   | $\top$          | 1            |                     | 寸                       | $\top$  | +                                       |              |            | 81       | -1-1-1   | $\dashv$   | <del>     </del>                                 | + 1                | ⊹⊦           |               | 131        | +  | +   | ╌   | ┿        | +        | +  |   | 4        |
|          | 32         |          |                 |              |                     | す                       | _   | 十                                       |              | $\neg$     | 82       |  |  | +++  | 1                  | $\Box$       |               | 132        | +  | +   |   | ┿        | +        | ╁  | +   | -        |
|          | 33         |          |                 |              | $\Box$              | $\exists$               |   |   |              |            | 83       |  | $\dashv$   |  | 11                 | 1            |               | 133        | +  | -   | ╅   | +        | ╁        | ╁  | +-  | ┨        |
|          | 34         | $\Box$   |                 |              |                     | _1                      |   |   | ::           | $\neg$     | 84       | <del>-                                      </del> | $\top$   |  | +                  | ा            |               | 134        | $\dashv$   | $\vdash$  | +   | +        | +        | +-   | +   | 1        |
|          | 35         |          | $\perp \Gamma$  |              |                     | $oldsymbol{\mathbb{I}}$ |   |   |              |            | 85       |  |  |  | $\Box$             | ऻ            |               | 135        | $\dashv \dashv$  |   | +   | +        | ╁        | +-   | +   | 1        |
|          | 36         | _]       |                 |              | Ш                   | $\prod$                 | $oxed{\Box}$  |   |              |            | 86       |  |  |  | $\Box$             |              |               | 136        |  | 7   | 十   | +        | $\top$   | +  | +   | 1        |
|          | 37         |          |                 | $\Box$       | Ц                   | $\perp$                 | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   | ::: <b> </b> |            | 87       |  | $\Box$   |  |                    | ा            |               | 137        | $\top$   | $\dashv$  | 十   | +        | +        | +  | +   | 1        |
| L        | 38         | [        | _               | $oxed{oxed}$ | Щ                   | $\perp$                 | $\perp$   |   |              |            | 88       |  |  |  | $\square$          |              |               | 138        | $\top$   | 1   | $\top$  | $\top$   | $\top$   | +  | +-  | 1        |
|          | 39         | _        |                 | $\perp$      | $\sqcup$            | 4                       | $\bot$  |   |              |            | 89       | $\perp \Box$                                       | $\square$  |  |                    | $-\Gamma$    |               | 139        |  |   |   |          | $\top$   | $\top$   | $\top$  | 1        |
|          | 40         | _        |                 | 1            | Ц                   | _                       | $\perp$   | -                                       |              |            | 90       | $\perp$  | $\Box$   |  |                    | း[           |               | 140        |  |   |   |          | 7        | T  | 1   | 1        |
|          | 41         | _        | _ _             | 1            | $\sqcup$            | _                       | $\perp$   |   |              |            | 91       | $\bot$ $\bot$ $\bot$                               | ot   |  |                    | ::[          |               | 141        | $\prod$  | _1  |   | Τ        | $\top$   | T  | 1   | 1        |
|          | 42         | 4        |                 | $\vdash$     | $\sqcup$            | 4                       | $\bot$  |   |              |            | 92       | + + +  | $\perp$  |  |                    | $\mathbb{L}$ |               | 142        |  |   | $oldsymbol{\mathbb{I}}$                           | Ι        |          |  |   | 1        |
|          | 43         | 4        |                 | Н            | $\vdash \vdash$     | 4                       | $\bot$  | +                                       |              |            | 93       | $\bot$   | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |  | $\Box$             | း[           |               | 143        |  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$  | I   | Ι        | T        | T  | 1   | 1        |
|          | 44         | 4        |                 | $\vdash$     | $\vdash \downarrow$ | +                       | 4   | +                                       |              |            | 94       |  | $\perp \downarrow$   |  | $\perp \downarrow$ | ::L          | $\bot I$      | 144        | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}} $ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι        | Ι        | $oldsymbol{ol}}}}}}}}}}}}$ | Ι   | ]        |
|          | 45         |          | +               | $\vdash$     | $\vdash$            | +                       | 4   | +                                       |              | _          | 95       | _ _  | $\perp \downarrow$   | $\bot$   | 1                  | L            |               | 145        | Ш  | $\Box$  |   | Ι        | $\perp$  | $\perp$  | Ι   | ]        |
| $\vdash$ | 46         |          | +               | +            | $\vdash$            | +                       | 4   | +                                       |              | <b></b> -⊦ | 96       |  | + +  |  | $\Box$             | L            |               | 146        | $\perp \!\! \perp \!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\bot$  |   |          |          | $\perp$  |   | ]        |
|          | 47         | -+       | +               | ╁┤           | $\vdash$            | +                       | +   | +-1                                     |              |            | 97       | + + +  | -+-+   | $\rightarrow$                                    | Щ.                 | L            |               | 147        | $\bot \bot$  | $\perp$   | 1   | L        |          | $\perp$  | $\perp$   | Ĺ        |
|          | 48<br>49   | $\dashv$ | +               | H            | $\vdash$            | +                       | +   |   | l l          |            | 98       |  | -+-  | + +  | 11                 | ျ            |               | 148        | 44   | _   |   | $\perp$  | ┸        | $\perp$  |   | ]        |
|          | 50         |          | +               | +            |                     | +                       | -   | 4-1                                     |              |            | 99       |  | +  | ++   |                    | : _          |               | 149        | $\bot \downarrow$  |   | $\perp$   | 1        | L        | L  | $\perp$   | 1        |
|          | <b>3</b> 0 |          |                 | L            |                     |                         |   | لــــــــــــــــــــــــــــــــــــــ | ::- <u>L</u> |            | 100      |  |  |  |                    | ၬ            |               | 150        |  |   | Ш   | 1        | 丄        | $\perp$  |   |          |